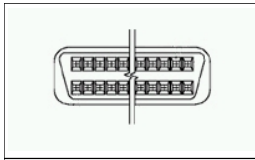


5787083 -5 Product Details

Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri



5787083 -5

[Active](#)

.050 Series Board Mount Connectors

[Always EU RoHS/ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- ? Connector
- ? Receptacle
- ? Number of Positions = 50
- ? Shielded
- ? With Mating Connector Lock

[View all Features](#) | [Find Similar Products](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- ? [RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE](#) (PDF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? [Connector, AMPLIMITE, Shielded, .050 Series](#) (PDF, English)

Application Specifications:

- ? [AMPLIMITE .050 Series Insulation Displacement and Pr...](#) (PDF, English)

Instruction Sheets:

- ? None Available

CAD Files: ([CAD Format & Compression Information](#))

- ? [2D Drawing](#) (DXF, Version O)
- ? [3D Model](#) (IGES, Version O)
- ? [3D Model](#) (STEP, Version O)

[List all Documents](#)

Additional Information:

- ? [Product Line Information](#)

Additional Product Images:

- ? [Panel Cutout](#)

Related Products:

- ? [Tooling](#)

Product Features

(Please use the Product Drawing for all design activity)

Product Type Features:

- ? [Product Type](#) = Connector
- ? [Gender](#) = Receptacle
- ? [Number of Positions](#) = 50
- ? [Shielded](#) = Yes
- ? [Mating Connector Lock](#) = With
- ? [Mount Angle](#) = Right Angle
- ? [PCB Polarization](#) = Without
- ? [PCB Retention Feature](#) = Yes
- ? [Rails](#) = Without
- ? [Shell Type](#) = Full Metal
- ? [Product Series](#) = Series III
- ? Mating Connector Lock Type = Latch Blocks
- ? Shell Material = Steel
- ? Bracket Material = Zinc
- ? PCB Thickness (mm [in]) = 2.36 [0.093]

Mechanical Attachment:

- ? Bracket Plating = Nickel over Copper
- ? Boardlock Material = Copper Alloy
- ? Boardlock Plating = Tin over Nickel

Termination Related Features:

- ? [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.05 [0.120]

Body Related Features:

- ? [PCB Retention Method](#) = Boardlock(s)
- ? Post Plating = Tin over Nickel
- ? Shell Plating = Bright Tin

Contact Related Features:

- ? [Contact Mating Area Plating Material](#) = Gold (30), Gold Flash over Palladium Nickel
- ? Contact Material = Phosphor Bronze

Housing Related Features:

- ? Housing Material = Thermoplastic
- ? Housing Flammability Rating = UL 94V -0
- ? Housing Color = Black

Industry Standards:

- ? [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- ? [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- ? RoHS/ELV Compliance History = Always was RoHS compliant

Other:

- ? Brand = AMP